

King County DNRP Water Quality Index

STATION **BSE_1MUDMTNRD** WATER YEAR **2018**

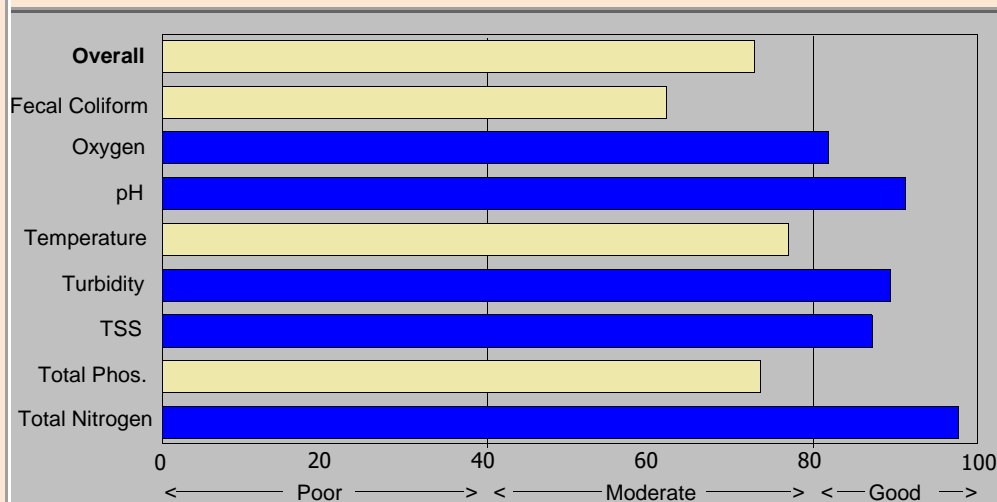
GAUGE # **BSE_1** **Boise Creek near Mouth**

Overall Index **73**

Water quality samples have been collected monthly by King County since 2015 from one station in Boise Creek. Station BSE_1MUDMTNRD is located near the downstream side of SE Mud Mountain Road in Enumclaw, WA. Boise Creek is part of the Puyallup River Basin in Watershed Resource Inventory Area 10 (WRIA 10). Boise Creek is on the Washington Department of Ecology's 303(d) list, Category 5, for violation of temperature and pH standards. The Puyallup River Watershed currently has a state approved TMDL plan for fecal coliform bacteria.

Annual Water Quality Index Scores

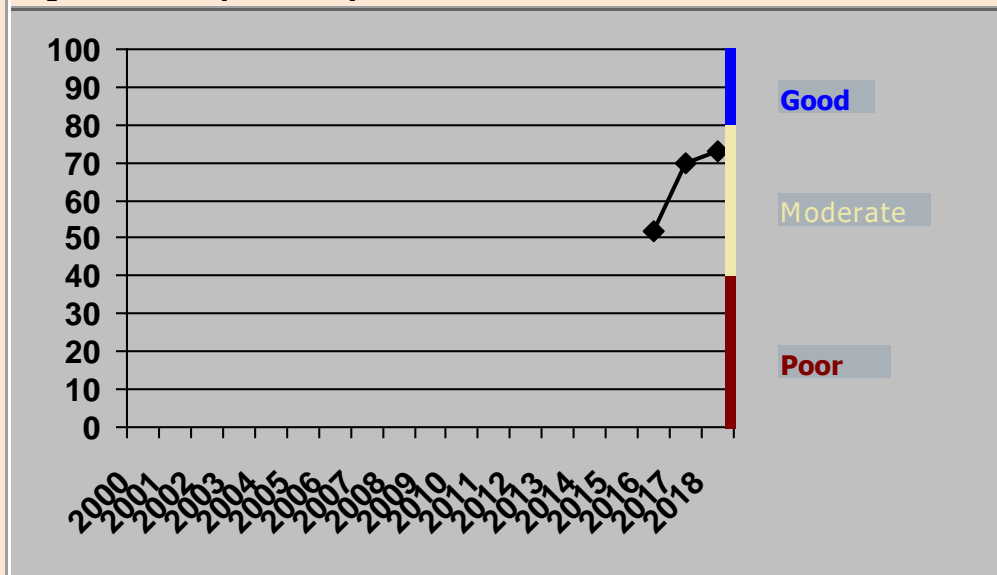
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
85	66	99	96	94	79	93	87	94	85	73	82

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>